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EXRAND-M-41
23 February 1971

COMIREX SUBCOMMITTEE
For
EXPLOITATION RESEARCH AND DEVELOPMENT
Minutes of Meeting Held in IAS Conference Room
0900-1130, Wednesday, 17 February 1971

MEMBERS AND STAFF PRESENT

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1. Special Briefing.

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The special briefing was introduced by [redacted] The subject
was the Power Density Spectrum presented by [redacted] of the
Advanced Technology Branch, Research and Engineering Division, Technical
Services Group, NPIC. The information was timely and could have con-

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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siderable impact on the exploitation and processing community. A resume of the briefing is attached.

2. Approval of Minutes.

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The minutes of EXRAND-M-40 were approved.

3. Announcements.

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a. Preparations for the trip to Wright-Patterson AFB to visit the Foreign Technology Division, Avionics, and RECON CENTRAL were discussed by [redacted] Information was handed out concerning the itinerary, flight schedules, and accommodations. Members are to respond to the Executive Secretary prior to the 17 March meeting.

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b. [redacted] reported on the trip to Hill AFB on 25-26 January made by himself and [redacted] to visit the Aerospace Reconnaissance and Photographic Inventory Management Division. He provided a copy of the trip report to members of EXRAND. [redacted] stated he was most impressed by the operation which covered world-wide camera equipment and processing and exploitation equipment and systems for the military.

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c. The Chairman requested that members provide an up-to-date listing so that the secretary can prepare a new directory of EXRAND.

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d. [redacted] requested that more contributions were needed from the members in order to bring the publications distribution list up to date.

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e. [redacted] reminded all members to report on equipment requirements that could be fulfilled from surplus equipment lists. He stated we still had no turn in of 940 light tables that were being replaced by the new 1540 light tables.

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f. A copy of the Procurement Coordinating Team report on benefits of joint procurement through EXRAND coordination was handed out to the members.

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g. The Executive Secretary proposed the following program for the March EXRAND meeting: Two short briefings covering Special High Contrast Resolution and Techniques for Determining Color Values; following the regular meeting there would be a luncheon at the Navy Officers Club; then return to NPIC for a visit to the Advanced Technology Branch, Research and Engineering Division, Technical Services Group, NPIC. All members agreed to this program and will provide a list of those who would attend the meeting, luncheon, and tour prior to 5 March.

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h. [] remarked that he had not received returns from several suggestion award items that were pertinent to EXRAND and requested that these be forwarded as soon as possible.

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i. [] reported that there would be a DIA color symposium on 24 and 25 March. The program was still in the planning stage and the agenda was not yet quite ready. The symposium was being co-sponsored by TOPOCOM. The agenda would cover all color activities underway and anticipated throughout the DoD and agencies. It would be at the TKH clearance level and it probably would include civilian contractor briefings pertinent to the color film subject.

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j. [] informed EXRAND of a particular objective of the Army regarding [] utilization. The objective was the extraction of terrain data of sufficient resolution and geometric accuracy to allow production of large-scale maps (1:50,000) meeting required accuracies. A detailed study has been completed which defines an optimized data reduction system for this purpose. The study report includes detailed material flow, required equipment and techniques. Several developmental items are identified. A briefing for EXRAND on the results of this study could probably be arranged.

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k. [] spoke on a problem on the last [] mission where the community had stated that viscous process of SO-192 film was desirable. EXSUBCOM permitted mission priorities 1 and 2 to be processed at Bridgehead with the viscous DALTONs and priorities 3 and 4 at Westover on film 2430 using spray processing. It was later discovered that the priorities 1 and 2 SO-192 had a soft emulsion which became scratched when worked over by the PI's. A study is currently underway to test SO-192 with spray processing and viscous processing to arrive at measurable comparisons. [] announced at the same time that tests will also be

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conducted on Itek's RS materials, and again, at Perkin-Elmer for tests on free radical processing. The Community cannot afford to do all of the processing for duplication at Eastmas Kodak by viscous processing if SO-192 processed with viscous turns out to be the best route. For the time being the spray process at Westover will be used.

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1. [] announced that Goodyear is sponsoring a symposium for the Navy and Marine Corps on Side Looking Radar 9, 10, and 11 March in Phoenix.

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4. Old Business.

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a. The Chairman announced that one copy of the Third Annual Report: R&D Projects with a covering letter was sent to the Chairman, COMIREX for his information and approval. The Project List which also contained within its cover the new EXRAND Objectives was classified TS-TKH. At this point the question again arose among EXRAND members concerning a sanitized version of the Objectives and the Project List. The Chairman, Executive Secretary, and [] argued that the projects should stay at that higher classification level, otherwise much of the contents would be lost through sanitization. The representatives of EXRAND will be responsible for determining the distribution of this new publication and objectives at the TKH level. [] presented a rough draft of a covering letter for the R&D Project List which was designed for its wide distribution by EXRAND members to the Community. The letter was accepted by the members. The Executive Secretary will now prepare to distribute copies of the Project List and Objectives at the TKH level when concurrence is received from the Chairman of COMIREX.

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b. The Executive Secretary introduced proposed schedules for briefings, demonstrations, and trips by EXRAND and requested that members indicate priorities for scheduling. A discussion followed and the following schedules for the immediate future were agreed upon. A special briefing for the 21 April EXRAND meeting would be arranged by [] concerning [] program. Other items concerning EOI, Multi-Spectral systems, etc., would be scheduled as we receive permission to hear them. The trip schedule which was attached to the minutes M-40 of 4 February 1971 was tentatively approved. This included a prospective trip to SAMSO, Vandenburg, and Lockheed STC in August.

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c. [] gave a status report on the production and distribution of 1540 light tables. He stated that there were no real problems now that

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the table has met all specifications. Production is on schedule. There are a number of quality control corrections being made to the table but they pose no serious problems. In the mean time, NPIC has used some of the tables for the recent [redacted] with success.

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5. The meeting was adjourned at 1130 hours.

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Executive Secretary, EXRAND

Attachment:
Briefing Resume

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